

advanio

W-M1B103

8 Channels Universal Analog Input
Module with High Common Mode
Voltage Protection



Specifications

General

Power Input Range	10~60 VDC
Power Consumption	1.6 W @ 24 VDC
Watchdog Timer	System (1.6 Second Fixed) Communication (Programmable)
Connector	1 Plug-In Terminal Block (#16~30 AWG)
Temperature (Operating)	-25~70°C
Humidity	5~95%
Temperature (Storage)	-30~75°C
Interface	RS-485
Communication Protocol	Modbus RTU
Communication Speed	Serial: From 1200 to 115.2 kbps
Communication Distance	Serial: 1.2 km
Isolation Protection	3000 VDC

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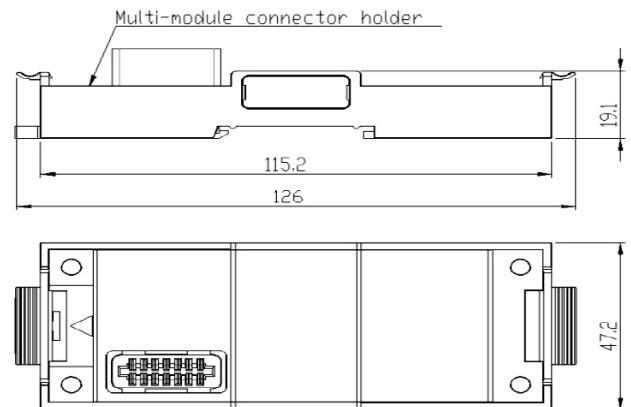
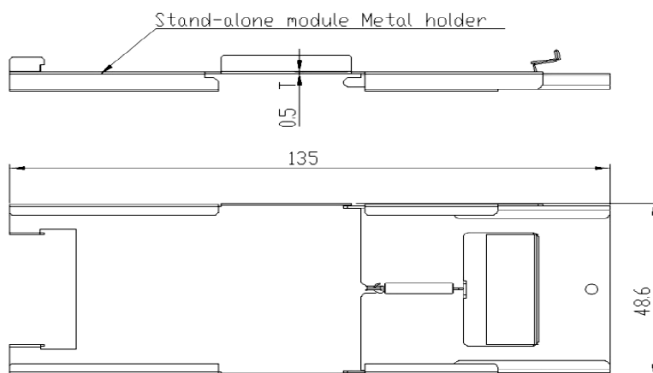
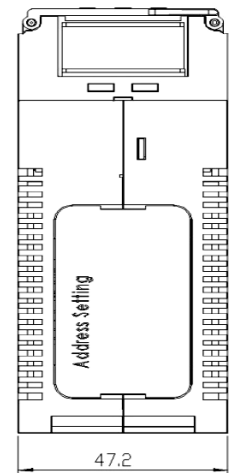
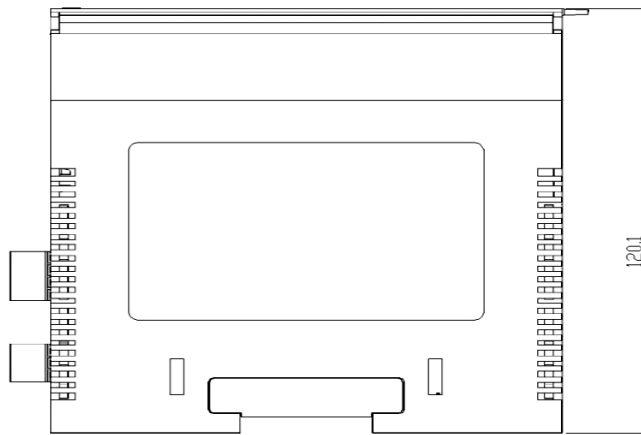
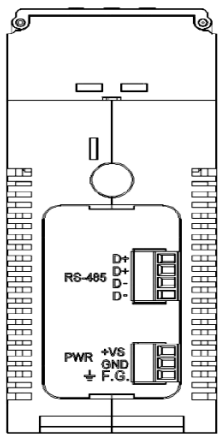
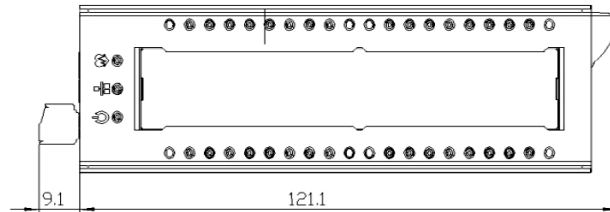
Analog Input

Channels	8 Channels
Voltage Range	$\pm 100\text{mV}$, $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 5\text{V}$, $\pm 10\text{V}$, $0\sim 100\text{mV}$, $0\sim 500\text{mV}$, $0\sim 1\text{V}$, $0\sim 5\text{V}$, $0\sim 10\text{V}$
Current Input	$\pm 20\text{mA}$, $4\sim 20\text{mA}$, $0\sim 20\text{mA}$ (Slide Switch Select)
Direct Sensor Input	J, K, T, E, R, S, B, N
Disconnection Detection	Yes (all V, 4 ~ 20 mA & all T/C)
Channel Independent Configuration	Yes
Sampling Rates	2.5 Samples/Second per Channel
Resolution	16-bit
Accuracy	$\pm 0.1\%$ FSR
Input Impedance	Voltage: $2\text{M}\Omega$, Current: $120\ \Omega$
Span Drift	$\pm 25\ \text{ppm}/^\circ\text{C}$
Zero Drift	$\pm 6\ \mu\text{V}/^\circ\text{C}$
Input Voltage Protection	$\pm 240\text{V}$
Common Mode Voltage	240V

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Dimensions: W×H×L = 47.2×121.1×120.1mm



ALL PRODUCT SPECIFICATIONS ARE SUBJECTED TO CHANGE WITHOUT NOTICE

LATEST UPDATE:14-NOV-2016